

EAST - [10051445.wsp:1]

File View Edit Tools Window Help

☐ L21: (4) 18 and tun\$3
☐ L22: (16) biquadratic near3 ("low pass" or LPF)
☐ L23: (14) 22 and filter
☐ L24: (4) 23 and tun\$3
☐ L25: (555) "biquad" and filter
☐ L26: (318) 25 and ("low pass" or LPF)
☐ L27: (298) 26 and (combiner or sumn\$3 or sun)
☐ L28: (0) 27 and (satellite near3 tun\$3)
☐ L29: (151) 27 and tun\$3
☐ L30: (105) 27 and tun\$3
☐ L31: (27) 30 and "first order"
☐ L32: (18) 31 and bandpass
☐ L33: (0) 32 and (gaussian near5 filter)
☐ L34: (0) 31 and (gaussian near5 filter)
☐ L35: (1) 30 and (gaussian near5 filter)
☐ L36: (2) 30 and (equiripple near5 filter)
☐ L37: (2) 31 and (equiripple near5 filter)
☐ L38: (3) 22 and (equiripple near5 filter)

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 22 and (equiripple near5 filter)

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20020163384 A1	20021107		Transconductor and filter circuit using the same	330/258			Hasegawa, Yasumasa	F
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6677822 B2	20040113	12	Transconductor and filter circuit using the same	330/258	327/552; 330/253;		Hasegawa, Yasumasa	F
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6112125 A	20000829	20	Self-tuning method and apparatus for continuous-time	700/28	700/35; 700/37;		Sandusky, Randall L.	F

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- ✖ L5: (242) L4 and filter
- ✖ L6: (240) L5 and (frequency and signal)
- ✖ L7: (34) L6 and combiner
- ✖ L8: (6) L7 and "first order"
- ✖ L9: (1341) satellite near3 tuner
- ✖ L10: (0) 9 and (gaussian near3 filter)
- ✖ L11: (519) 9 and filter
- ✖ L12: (161) 11 and "low pass"
- ✖ L13: (35) 12 and bandpass
- ✖ L14: (0) 13 and "first order"
- ✖ L15: (0) 13 and biquadratic
- ✖ L16: (15) biquadratic near3 "low pass"
- ✖ L17: (15) 16 and filter
- ✖ L19: (4) 18 and "first order"
- ✖ L18: (14) 16 and filter
- ✖ L20: (1) 18 and tuner
- ✖ L21: (4) 18 and tun\$3
- ✖ L22: (16) biquadratic near3 ("low pass" or LPF)
- ✖ L23: (14) 22 and filter
- ✖ L24: (4) 23 and tun\$3

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23 and tun\$3

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6239653 B1	20010529	11	Biquadratic basic cell for programnable analog time-co	327/552	327/103; 327/341;		Rezzi; Francesco et al.
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6112125 A	20000829	20	Self-tuning method and apparatus for continuous-time	700/28	700/35; 700/37;		Sandusky; Randall L.
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5311088 A	19940510	6	Transconductance cell with improved linearity	327/552	327/65		Nelson; Dale H.
4	<input type="checkbox"/>	<input type="checkbox"/>	US 3904978 A	19750909	9	Active resistor-capacitor filter arrangement	330/109	327/557		Daniels; Richard William et al.

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☐ L2: (2701) gaussian near3 filter
☐ L3: (423) L2 and bandpass
☐ L4: (242) L3 and "low pass"
☐ L5: (242) L4 and filter
☐ L6: (240) L5 and (frequency and signal)
☐ L7: (34) L6 and combiner
☐ L8: (6) L7 and "first order"
☐ L9: (1341) satellite near3 tuner
☐ L10: (0) 9 and (gaussian near3 filter)
☐ L11: (519) 9 and filter
☐ L12: (161) 11 and "low pass"
☐ L13: (35) 12 and bandpass
☐ L14: (0) 13 and "first order"
☐ L15: (0) 13 and biquadratic
☐ L16: (15) biquadratic near3 "low pass"
☐ L17: (15) 16 and filter
☐ L19: (4) 18 and "first order"
☐ L18: (14) 16 and filter
☐ L20: (1) 18 and tuner
☒ L21: (4) 18 and tun\$3

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 18 and tun\$3

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 16 and filter

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6677822 B2	20040113	12	Transconductor and filter circuit using the same	330/258	327/552; 330/253;		Hasegawa, Yasunasa
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6239653 B1	20010529	11	Biquadratic basic cell for programmable analog time-co	327/552	327/103; 327/341;		Rezzi, Francesco et al.
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6184748 B1	20010206	8	Magnitude and group delay shaping circuit in continuous-	327/552	327/553		Rao, Narendra M. K. et al.
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6112125 A	20000829	20	Self-tuning method and apparatus for continuous-time	700/28	700/35; 700/37;		Sandusky, Randall L.

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
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2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6112125 A	20000829	20	Self-tuning method and apparatus for continuous-time	700/28	700/35; 700/37;		Sandusky, Randall L.
3	<input type="checkbox"/>	<input type="checkbox"/>	US 4894620 A	19900116	10	Switched-capacitor circuit with large time constant	327/91	327/337; 327/554		Nagaraj, Krishnaswamy
4	<input type="checkbox"/>	<input type="checkbox"/>	US 4606043 A	19860812	4	Programmable automatic cable equalizer	375/230	178/69R; 333/18;		Aprille, Jr., Thomas J. et al.

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